

Appl. No. 10/658,146
Atty. Docket No. 9024M
Amdt. dated: July 8, 2005
Amendment & Reply to the Office Action dated March 8, 2005

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, listings of claims in the application:

Listing of Claims

1. (Currently Amended) A laundry product composition comprising a stable mixture of:
 - a) from about 0.1% to about 10%, by weight of the composition of at least one water insoluble fabric care benefit agent wherein the water insoluble fabric care benefit agent is a dispersible polyolefin, polymer latex, or a mixture thereof and has a particle size of from about 1 nm to 100 um; and
 - b) from about 0.01% to about 5%, by weight of the composition, of at least one cationic cellulose delivery enhancing agent;
 - c) from about 1% to about 80%, by weight of the composition, of a surfactant;
 - d) from about 0.1% to about 80%, by weight of the composition, of a builder;
 - and;
 - e) a compatible enzyme;

wherein the ratio of the cationic cellulose delivery enhancing agent to the water insoluble fabric care benefit agent is from about 1:50 to about 1:1.
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Original) A laundry product composition according to Claim 1 wherein the stable mixture is formed in situ.
7. (Canceled)
8. (Canceled)
9. (Canceled)

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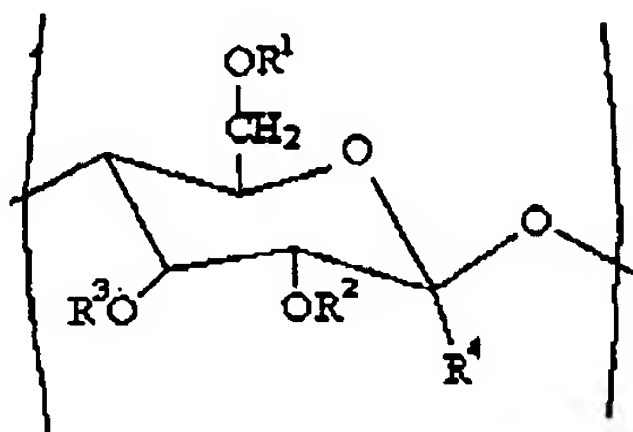
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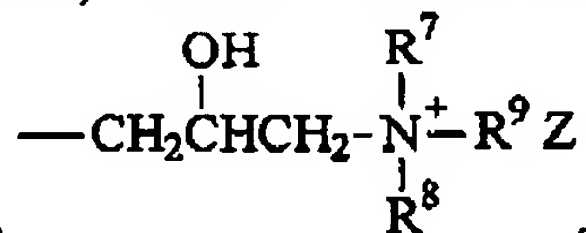
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10. (Original) A laundry product composition according to Claim 1 wherein the cationic cellulose has the structure:



wherein R^1 , R^2 , R^3 are each independently H, CH_3 , C_{8-24} alkyl (linear or branched),

$\left(\text{CH}_2 \overset{\text{R}^5}{\text{CH}} - \text{O} \right)_n \text{Rx}$ or mixtures thereof; wherein n is from about 1 to about 10; Rx is H,



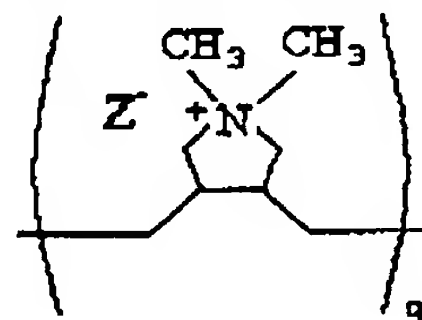
CH_3 , C_{8-24} alkyl (linear or branched),

or mixtures thereof; wherein

Z is a chlorine ion, bromine ion, or mixture thereof; R^5 is H, CH_3 , CH_2CH_3 , or mixtures thereof; R^7 is CH_3 , CH_2CH_3 , a phenyl group, a C_{8-24} alkyl group (linear or branched), or mixture thereof; and

R^8 and R^9 are each independently CH_3 , CH_2CH_3 , phenyl, or mixtures thereof:

R^4 is H, $\left(\text{P} \right)_m \text{H}$, or mixtures thereof wherein P is a repeat unit of an addition polymer



formed by radical polymerization of a cationic monomer

wherein Z'

is a chlorine ion, bromine ion or mixtures thereof and q is from about 1 to about 10.

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11. (Currently Amended) A detergent laundry product composition comprising:

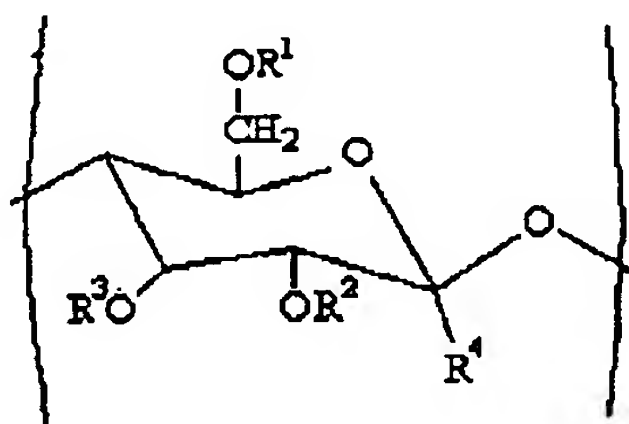
- a) from about 1% to about 80%, by weight of the composition, of a deterative surfactant that is an anionic surfactant, cationic surfactant, nonionic surfactant, amphoteric surfactant, zwitterionic surfactant, or a mixture thereof;
- b) from about 0.1% to about 10%, by weight of the composition, of a water insoluble fabric care benefit agent wherein said water insoluble fabric care benefit agent is a dispersible polyolefin, polymer latex, or a mixture thereof;
- c) from about 0.01% to about 5%, by weight of the composition, of a cationic cellulose delivery enhancing agent;
- d) from about 0.1% to about 80%, by weight of the composition, of a builder; and
- e) a compatible enzyme;

wherein the ratio of the delivery enhancing agent to the fabric care benefit agent is from about 1:50 to about 1:1.

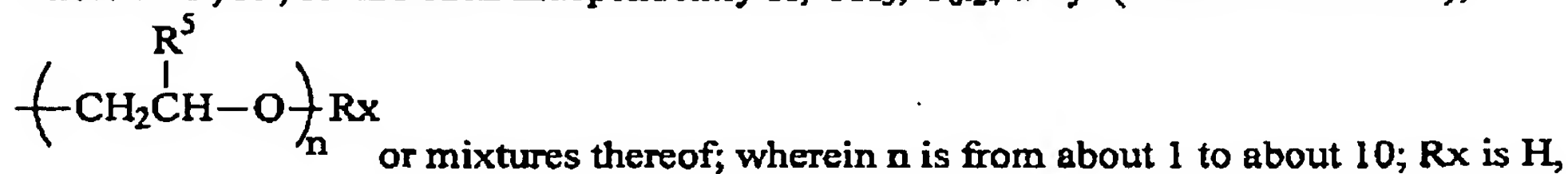
12. (Canceled)

13. (Canceled)

14. (Currently Amended) A detergent composition according to Claim ~~13~~ 11 wherein the cationic cellulose has the structure:



wherein R¹, R², R³ are each independently H, CH₃, C₈-24 alkyl (linear or branched),



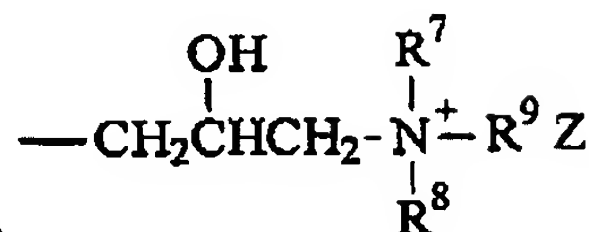
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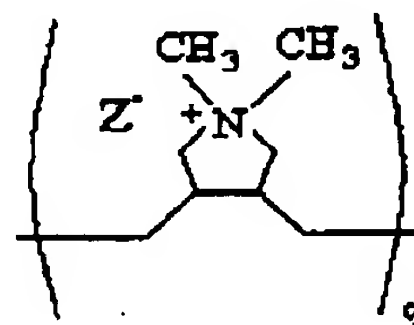


CH₃, C₈₋₂₄ alkyl (linear or branched), or mixtures thereof, wherein

Z is a chlorine ion, bromine ion, or mixture thereof; R⁵ is H, CH₃, CH₂CH₃, or mixtures thereof; R⁷ is CH₃, CH₂CH₃, a phenyl group, a C₈₋₂₄ alkyl group (linear or branched), or mixture thereof; and

R⁸ and R⁹ are each independently CH₃, CH₂CH₃, phenyl, or mixtures thereof:

R⁴ is H, $\left(\text{P}\right)_m\text{H}$, or mixtures thereof wherein P is a repeat unit of an addition polymer



formed by radical polymerization of a cationic monomer

wherein Z'

is a chlorine ion, bromine ion or mixtures thereof and q is from about 1 to about 10.

15. (Currently Amended) A detergent composition according to Claim 11 wherein the fabric care benefit agent is a dispersible polyolefin that is a polyethylene, a polypropylene, or a mixture thereof.

16. (Currently Amended) A detergent composition according to Claim 11 wherein the fabric care benefit agent is a polymer latex that is a pure butylacrylate, mixture of butylacrylate and a second monomer wherein the second monomer comprises less than 20%, by weight monomer ratio, or mixtures thereof.

17. (Original) A detergent composition according to Claim 11 wherein the composition is a liquid detergent.

18. (Canceled)

19. (Original) A laundry product composition according to Claim 1 wherein the product is a fabric enhancer.

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20. (Original) A laundry product composition according to Claim 1 wherein the product is a dryer added product.

21. (New) A laundry product composition according to Claim 1 wherein the composition further comprises from about 0.001% to about 10% of an effective enzyme stabilizing system.

22. (New) A laundry product composition according to Claim 1 wherein the enzyme stabilizing system comprises calcium ions, boric acid, propylene glycol, short chain carboxylic acids, boronic acids, or mixtures thereof.

23. (New) A detergent composition according to Claim 11 wherein the composition further comprises from about 0.001% to about 10% of an effective enzyme stabilizing system.

24. (New) A detergent composition according to Claim 23 wherein the enzyme stabilizing system comprises calcium ions, boric acid, propylene glycol, short chain carboxylic acids, boronic acids, or mixtures thereof.

25. (New) A method of improving the fabric delivery efficacy of water insoluble fabric care benefit agents utilizing the detergent composition of Claim 1.

26. (New) A method of improving the fabric delivery efficacy of water insoluble fabric care benefit agents utilizing the detergent composition of Claim 11.